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PTO/SB/51 (08-04)

Approved for use through 04/30/2007. OMB 0891-0033

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REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)
F05-132629M/MI

I hereby declare that

Each inventor's residence, mailing address and citizenship are stated below next to their name.

I believe the inventors named below to be the original and first inventor(s) of the subject matter which is described and claimed in patent number 6,546,830 B2, granted April 15, 2003and for which a reissue patent is sought on the invention entitled TRANSMISSION DEVICE OF FOUR-WHEEL DRIVE VEHICLE

the specification of which

☐ is attached hereto.☒ was filed on September 8, 2003 as reissue application number 10/657,060and was amended on March 1, 2005

(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

☐ I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b). Attached is form PTO/SB/02B (or equivalent) listing the foreign applications.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.☒ by reason of the patentee claiming more or less than he had the right to claim in the patent.☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

The transmission device of the invention was claimed too narrowly. The invention includes inventive features, such as those provided by the Examiner in the '830 patent's December 12, 2002 Notice of Allowability that are applicable to both front engine-front drive (FF) based and front engine-rear drive (FR) based four-wheel drive vehicles. New claims 14-19 (renumbered after patent issuance), have been added which are of different scope than current claims 1-13 of the '830 patent at least in that independent claim 14 recites "a second drive gear rotated about the rotating axis of said input shaft; a second driven gear disposed at a base and side of the first output shaft and engaging with said second drive gear; a second output shaft coupled with one of said first driven gear and said second drive gear to transmit the driving force to a final reduction gear of the other one of the front and rear wheels; and a variable mechanism for varying a torque-transmitting capacity, wherein the second output shaft is coupled with the first driven gear through the variable mechanism, or the second drive gear is coupled with the first driven gear through the variable mechanism" (see specification at column 5, lines 21-39, column 6, lines 20-36, and column 7, lines 1-19). Current independent claim 1 of the '830 patent does not recite the aforementioned features. New claim 16 recites that the second output shaft is coupled with the second drive gear, and the second output shaft is coupled with the first driven gear through the variable mechanism, new claim 17 recites that the second output shaft is coupled with the first driven gear, and the second drive gear is coupled with the first driven gear through the variable mechanism, new claim 18 recites that the variable mechanism includes a torque coupling mechanism, and new claim 19 recites that the torque coupling mechanism includes a viscous-coupling or a hydraulic multiple disk clutch (e.g., see specification at column 5, lines 21-39, column 6, lines 20-36, and column 7, lines 1-19). Current claims 1-13 of the '830 patent do not recite the aforementioned features. Every error in the patent which was corrected in the present reissue application, and is not covered by a prior oath/declaration submitted in this application, arose without any deceptive intention on the part of the applicant.

[Page 1 of 2]

This collection of information is required by 37 CFR 1.173. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/51 (09-04)

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)
F05-132629/M1

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant.

Note: To appoint a power of attorney, use form PTO/SB/81.

Correspondence Address: Direct all communications about the application to:

☒ The address associated with Customer Number:

21254

OR

<input checked="" type="checkbox"/> Firm or Individual Name	McGinn & Gibb, PLLC				
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Telephone	703-761-4100	Fax	703-761-2375		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.					
Full name of sole or first inventor (given name, family name) Kazuo Kanazawa					
Inventor's signature	<i>Kazuo Kanazawa</i>		Date	29/7/2005	
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Full name of second joint inventor (given name, family name)					
Inventor's signature			Date		
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Mailing Address					
Full name of third joint inventor (given name, family name)					
Inventor's signature			Date		
Residence			Citizenship		
Mailing Address					
<input type="checkbox"/> Additional joint inventors or legal representative(s) are named on separately numbered sheets forms PTO/SB/02A or 02LR attached					

(Page 2 of 2)